

DODHIA

# PETOPOLY™

RECYCLE.REVIVE.REVERT



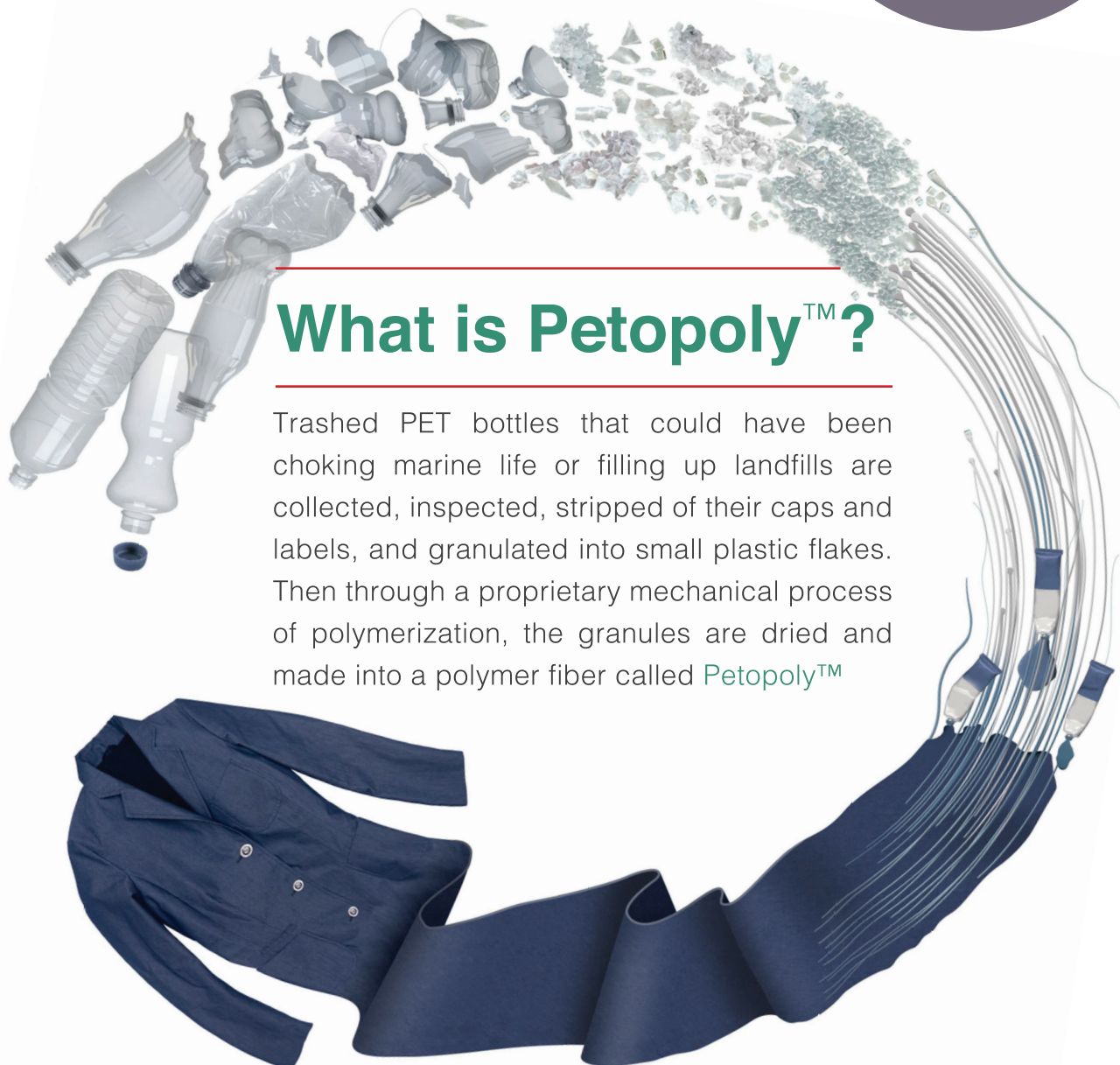
# PETOPOLY™

## RECYCLE. REVIVE. REVERT

The Dodhia Group of companies is well recognized as a leader in the integrated textile industry. In keeping with the group's credo of Quality, Innovation and Possibility, Dodhia Synthetics Limited proudly presents **Petopoly™** – a planet friendly yarn, that reduces dependence on non-renewable natural resources and helps the environment by keeping bottles and plastics out of landfills.



**Petopoly™**  
*is made by Dodhia  
Synthetics Limited at  
their specialized POY/  
FDY manufacturing unit in  
Gujrat, India, which has  
an installed capacity of  
32000 TPA.*



## What is Petopoly™?

Trashed PET bottles that could have been choking marine life or filling up landfills are collected, inspected, stripped of their caps and labels, and granulated into small plastic flakes. Then through a proprietary mechanical process of polymerization, the granules are dried and made into a polymer fiber called **Petopoly™**

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# What does Petopoly™ do?

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## ***Petopoly™ and the environment***

The 21st century has been characterized by unprecedented challenges and opportunities, arising from globalization. The growth in retail consumerism has encouraged the throwaway culture that plastics propagate and has led to a rise in the plastic waste generated. Added to this is the lack of an efficient waste management to tackle the piling waste that poses a serious threat to the soil, the rivers, the ecological balance and to all living beings.

PET waste, which otherwise would have occupied large swathes of land and taken decades to decompose, is safely disposed by Petopoly™ without any corresponding negative impact on the environment through prudent waste management.

## ***Petopoly™ and society***

At Dodhia Synthetics, the belief is that

waste can indeed give way to wealth. The Company will be collecting PET waste through various collection centers and multiple vendors, which will be thereafter recycled and shall be put to productive use. Pet waste collection – both organized and unorganized – simultaneously generates employment for thousands of people across urban and semi-urban cities and towns in India.



**Petopoly™**  
**reduces our dependence on petroleum, lessens CO2 emissions, requires no chemicals other than the detergents needed to clean input materials, and needs up-to 40% less water. It also provides end-to-end traceability throughout the supply chain right from PET bottles to fibres... AND it still matches all the qualities of virgin polyester fibre!**

## ***Petopoly™ and the consumer***

The modern consumer is conscious of the ill effects of plastic waste and prefers products that are eco-friendly. As a result, there is strong need for “green” products that make the consumer feel good and satisfied that they have done their bit for the environment. Technical innovations in processing and blending the yarn with other materials ensures that the fabrics made with Petopoly™ are wearer friendly and with a better finish that not only matches, but exceeds the qualities of virgin polyester fibre.



# Petopoly™ – Applications



Shirting | Suiting | Knitting

Carpets and Rugs

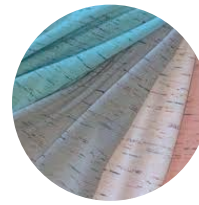
Furnishing | Automotive

Sarees and Dress Materials

Sewing and Embroidery

Threads | Labels and bands

Technical textiles



# Petopoly™ – Product Range

## POY

126/36 SD

126/48 SD

126/72 SD

126/72 FD

250/48 SD

250/108 SD

250/48 SD BLK

500/96 SD BLK

250/72 BRT

500/144 BRT

250/48 BRT BLK

500/96 BRT BLK

## FDY

75/36 BRT

150/48 BRT

300/96 BRT

## Chenille

3.5 NM

5.0 NM

6.0 NM

## Texturised

75/36 SD

75/48 SD

75/72 SD

75/72/2 FD

75/72 FD

150/48 SD

150/108 SD

150/48 SD BLK

300/96 SD BLK

600/192 SD BLK

300/144 BRT

450/144 BRT BLK

450/144 BRT

600/192 BRT

## ATY

160 BRT ATY

300 BRT ATY

450 BRT ATY

900 BRT ATY

1200 BRT ATY

1500 BRT ATY

1800 BRT ATY

This is the standard product list, we have the capacity to replace all your polyester filaments fancy yarn needs with Petopoly™. All of the Yarns are available in Yarn-Dyed / Space-Dyed / Dope-Dyed.

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An ISO 9001 : 2008 certified company